

ARKANSAS

Science and Engineering Profile

	Arkansas	U.S.	Rank		Arkansas	U.S.	Rank
Doctoral scientists, 1993	1,795	430,332	43	Total R&D performance, 1993 (millions)	\$301	\$161,427	42
Doctoral engineers, 1993	199	81,293	46	Industry R&D, 1993 (millions)	\$185	\$117,622	39
S&E doctorates awarded, 1993	61	25,409	42	Academic R&D, 1993 (millions)	\$74	\$19,489	40
of which, in life sciences	61%	24%		of which, in life sciences	72%	55%	
in physical sciences	15%	15%		in engineering	12%	16%	
in engineering	13%	22%		in physical sciences	7%	11%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	71	34,394	42	expenditures, 1993 (millions)	\$1,101	\$163,994	37
S&E graduate students, 1993				Number of SBIR awards, 1990-93	12	13,995	44
in doctorate-granting institutions	1,534	438,128	42	Patents issued to state residents, 1994	120	56,039	42
Population, 1994 (000s)	2,453	260,341	33	Gross state product, 1992 (billions)	\$44.0	\$5,994.1	32
Civilian labor force, 1994 (000s)	1,207	131,013	33	of which, agriculture	5%	2%	
Personal income per capita, 1994	\$16,898	\$21,809	50	manufacturing, mining, construction	28%	23%	
Federal spending				transportation, communication, utilities	11%	9%	
Total expenditures 1994 (millions)	\$11,376	\$1,284,896	34	wholesale and retail trade	16%	16%	
R&D obligations 1993 (millions)	\$79	\$65,394	43	finance, insurance, real estate	14%	18%	
				services	14%	20%	
				government	12%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in Arkansas by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	79,185	40,657	0	4,905	30,915	1,475	1,233	43
Department of Agriculture	13,566	3,936	0	0	9,625	0	5	33
Department of Commerce	0	0	0	0	0	0	0	na
Department of Defense	7,881	1,070	0	4,072	2,739	0	0	46
Department of Energy	284	0	0	0	284	0	0	50
Dept. of Health & Human Services	46,723	30,290	0	776	13,720	1,475	462	30
Department of the Interior	5,939	5,361	0	0	578	0	0	33
Department of Transportation	904	0	0	0	138	0	766	44
Environmental Protection Agency	265	0	0	23	242	0	0	45
Nat'l Aeronautics & Space Admin.	296	0	0	34	262	0	0	48
National Science Foundation	3,327	0	0	0	3,327	0	0	49
State rank	43	35	na	48	43	45	42	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.